MONTANA-POWDER RIVER CO. DEPARTMENT OF THE INTERIOR 7.5 MINUTE SERIES (TOPOGRAPHIC) GEOLOGICAL SURVEY 106°00′ 45°37′30″ 4775 II NE (BEAVER CREEK SCHOOL) OPEN-FILE REPORT

This report has not been edited for conformity with R. 45 E. R. 46 E. 25 26 29 28 U.S. Geological Survey editorial standards or stratigraphic nomenclature. 33 35 36 34 32 36 31 OVERBURDEN ISOPACH-Showing thickness of overburden, in feet, from the surface to the top of the coal T. 2 S bed. Isopach interval 100 feet (30.5 m). T. 3 S. BOUNDARY OF COAL 5 FEET OR MORE THICK-Drawn along the outcrop of coal bed and/or the inferred contact between burned and unburned coal and/or the 5-foot coal isopach. Arrows point toward area of coal 5 feet or more thick. MINING-RATIO CONTOUR-Number indicates cubic yards of overburden per ton of recoverable coal by surface-mining methods. Contours shown only in areas suitable for surface mining within the stripping limit. To convert feet to meters, multiply feet by 0.3048. To convert yds³/ton to m³/metric ton, multiply yds³/ton by 0.842. 12 10 11 13 15 14 18 17 16 22 23 20 21 19 25 27 28 30 29 32'30" 35 33 34 31 T. 3 S. T. 4 S. 12 11 (YAGER BUTTE) 4774 | NE SCALE 1:24000 106°00′ Base map from U.S. Geological Survey, 1966 BHHHH MONTANA

UNITED STATES

UTM GRID AND 1966 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET COAL RESOURCE OCCURRENCE MAP OF THE COLEMAN DRAW QUADRANGLE, POWDER RIVER COUNTY, MONTANA

BY COLORADO SCHOOL OF MINES RESEARCH INSTITUTE 1979

PLATE 17

OVERBURDEN ISOPACH AND MINING-RATIO MAP OF THE ODELL COAL BED

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EXPLANATION

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COLEMAN DRAW QUADRANGLE